

AMENDMENT TO THE ABSTRACT:

ADSL systems with a power cutback by imposition of a power ceiling; this reduces the range of transmitted power across frequencies. A method of transmit power adjustment in multitone communication systems. For a power spectral density (PSD) $P(i)$ expressed in terms of dBm/Hz where i indexes subchannels of the multitone systems and for each subchannel i changing $P(i)$ to the minimum of $P(i)$ and $P_{\max} - PCB$ where P_{\max} is the maximum of the $P(i)$ and PCB is a Power CutBack level in terms of dB.